

GRP Information Canopies South West

About GRP- Commonly Asked Questions

This section is designed to answer some of the most commonly asked questions that we receive about our canopies. Each canopy has the related roof and soffit size above the design on the right hand side. Click on dimensions.

Q. What does the term 'GRP' stand for?

A. Glass Reinforced Plastic or Glass Reinforced Polyester or Fibre Reinforced or Glass Fibre or simply Fibreglass.

Q. What is it?

A. It's a composite - i.e. a composition of materials which, when brought together under the right conditions, form a tough, lightweight, durable laminate with countless strengths.

Q. What other things are built using GRP

A. Produced as a shaped moulding or a flat sheet it's traditionally been used on vehicle bodies (racing cars to lorries), boats, buildings, tanks, panels etc. We use it to create ultra strong canopies made to withstand the elements.

Q. Is GRP maintenance free

A. GRP doesn't dent, corrode, rot, support infestation or bacteria and has a high strength to weight ratio being several times stronger than mild steel on a weight for weight basis. Especially good with strong seasonal winds.

Q. What gives GRP its strength?

A. Think of reinforced concrete - steel rods laid in a wet mix which, when cured, will have greatly enhanced strength. Now consider millions of small glass rods, thinner than a human hair, laid in a sticky, viscous liquid - usually polyester resin - which sets to a hardened laminate. Without the rods impact would shatter the laminate. However, with the rods the impact is absorbed and the product becomes shatter-resistant as are our GRP canopies.